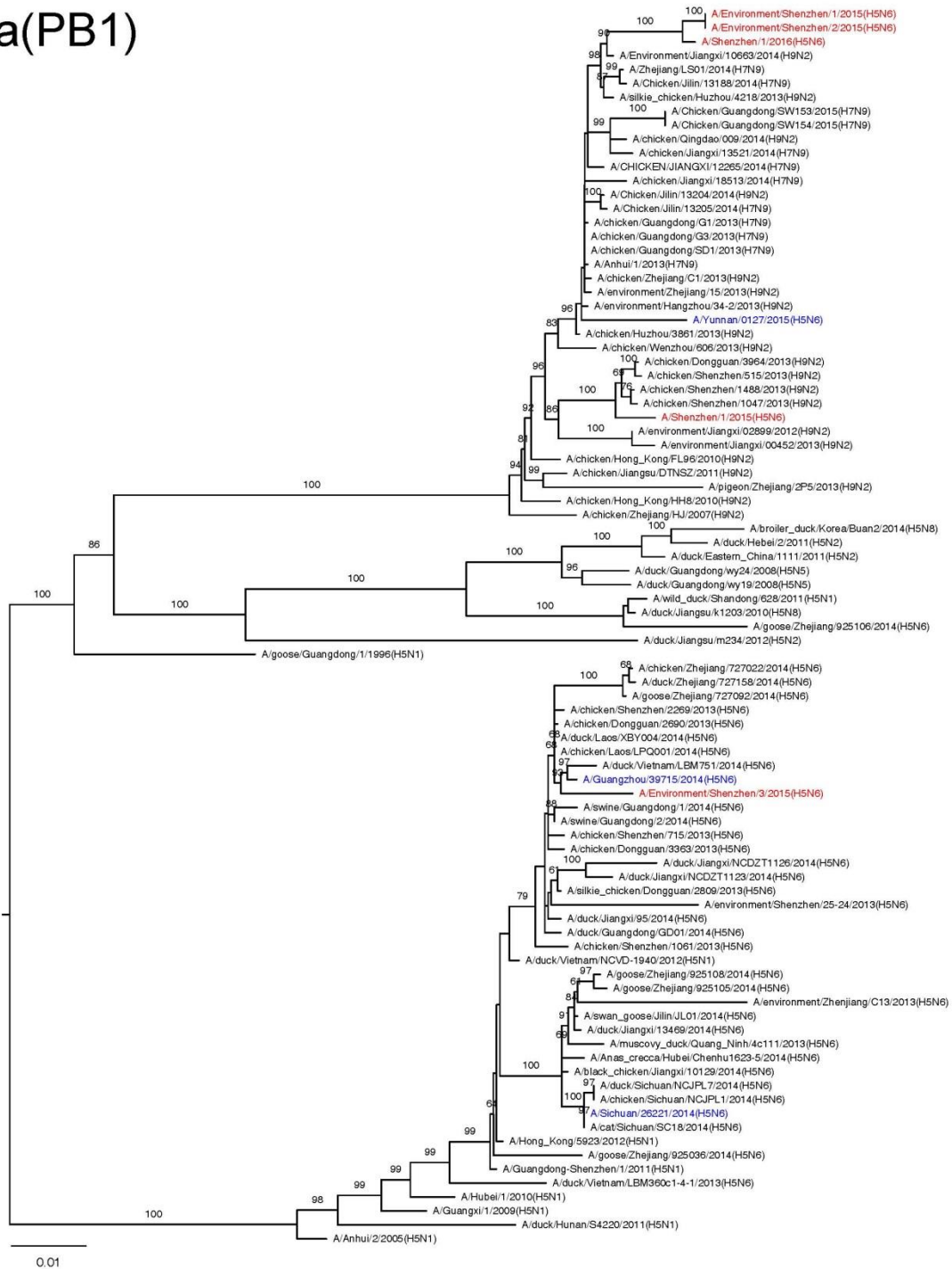
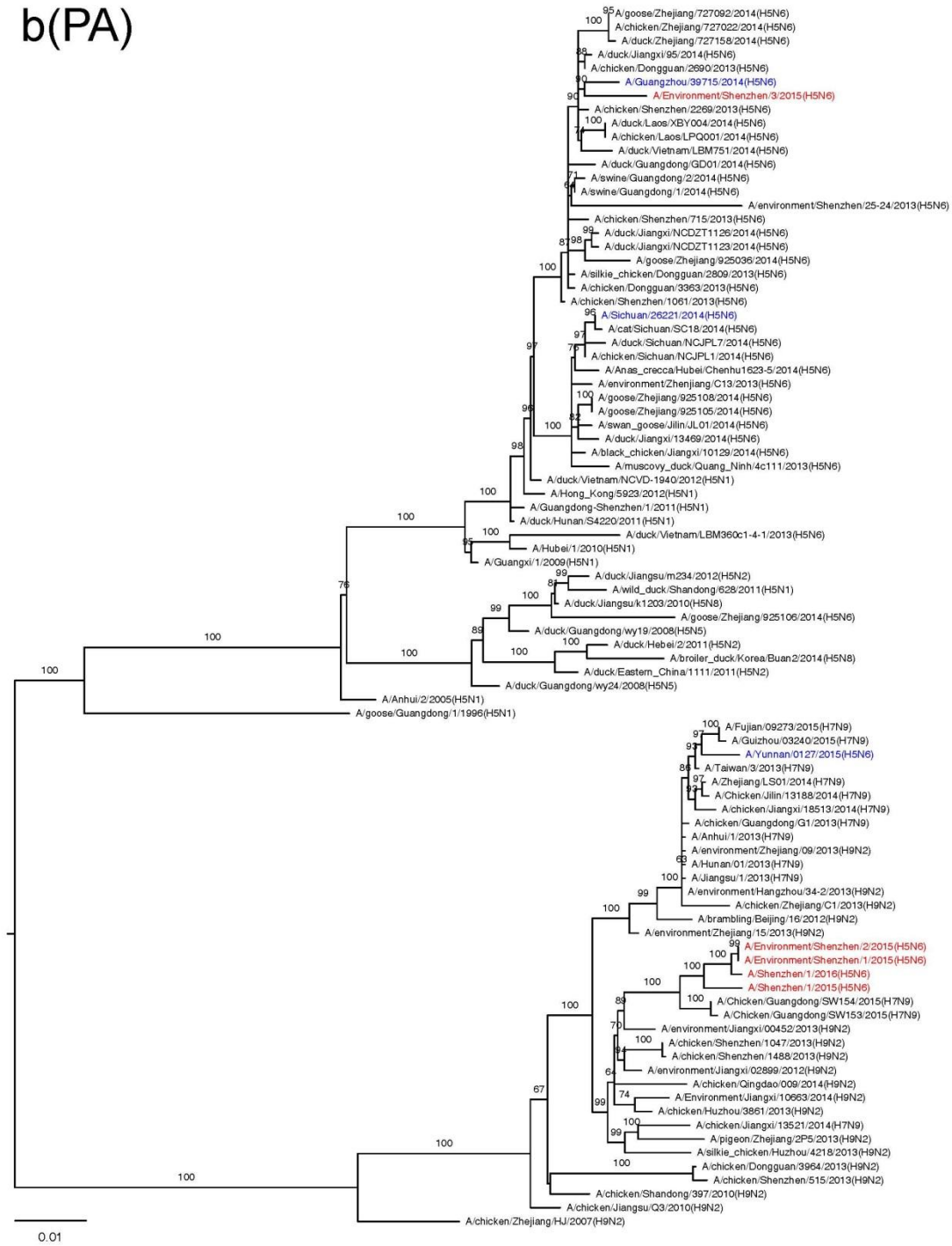


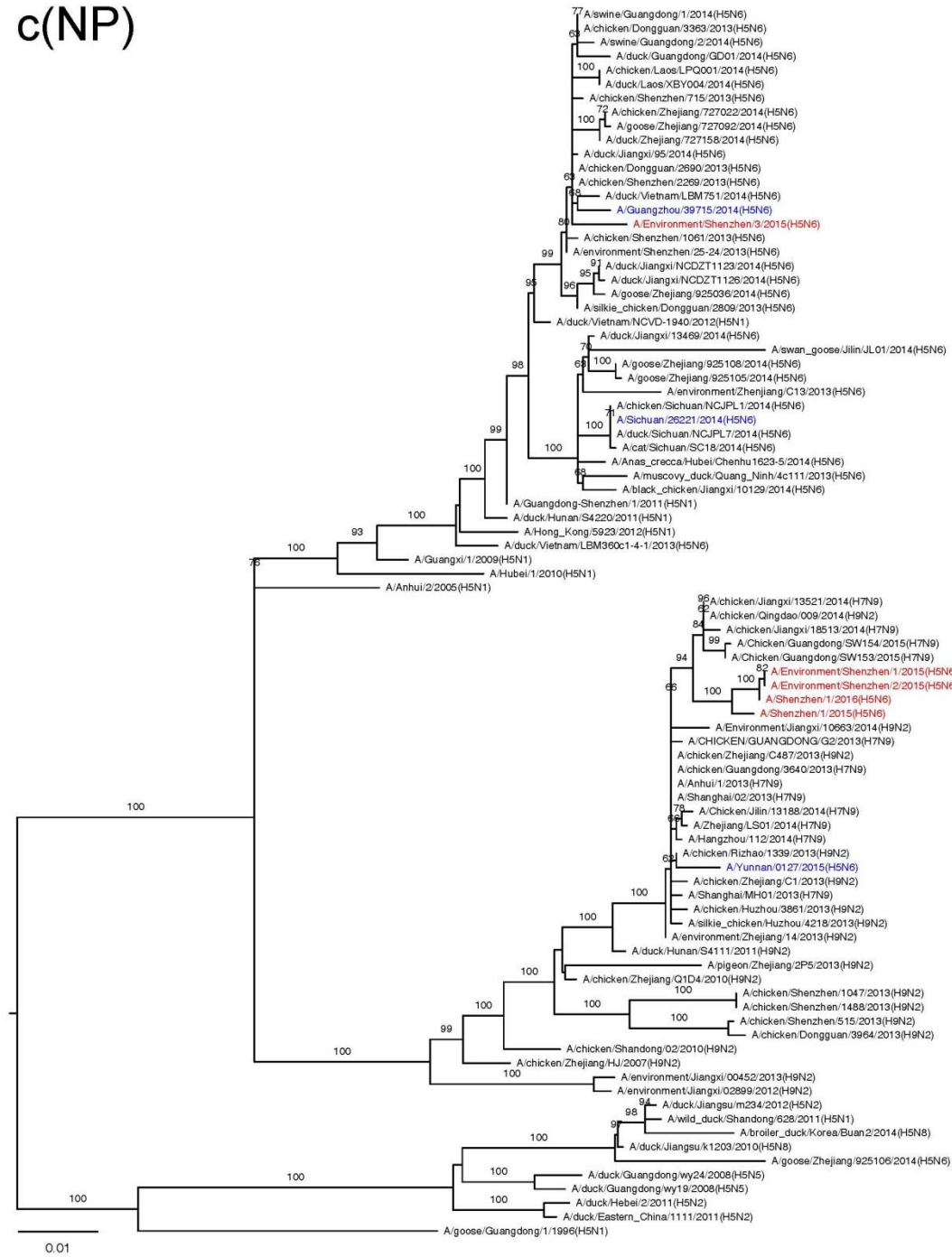
a(PB1)



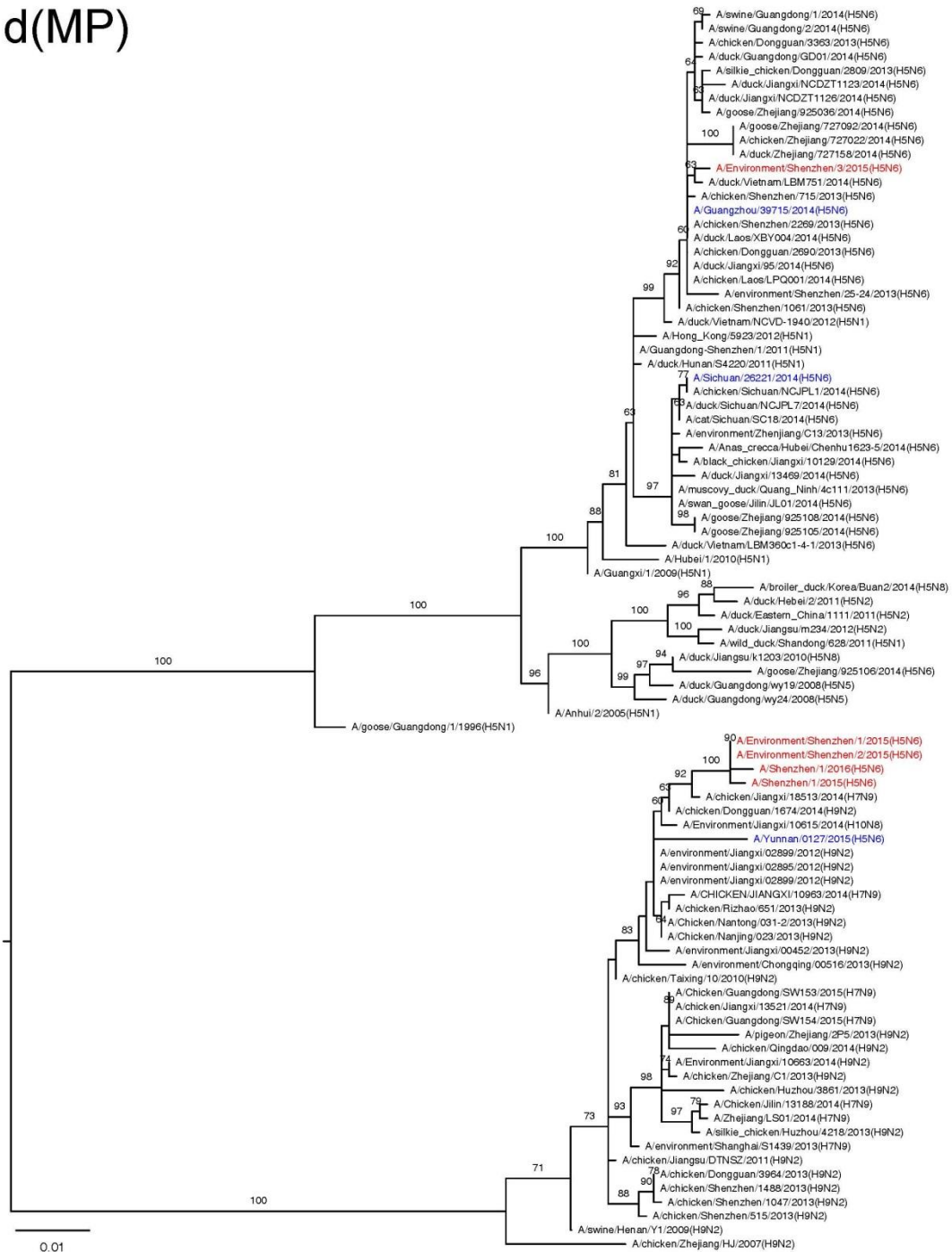
b(PA)



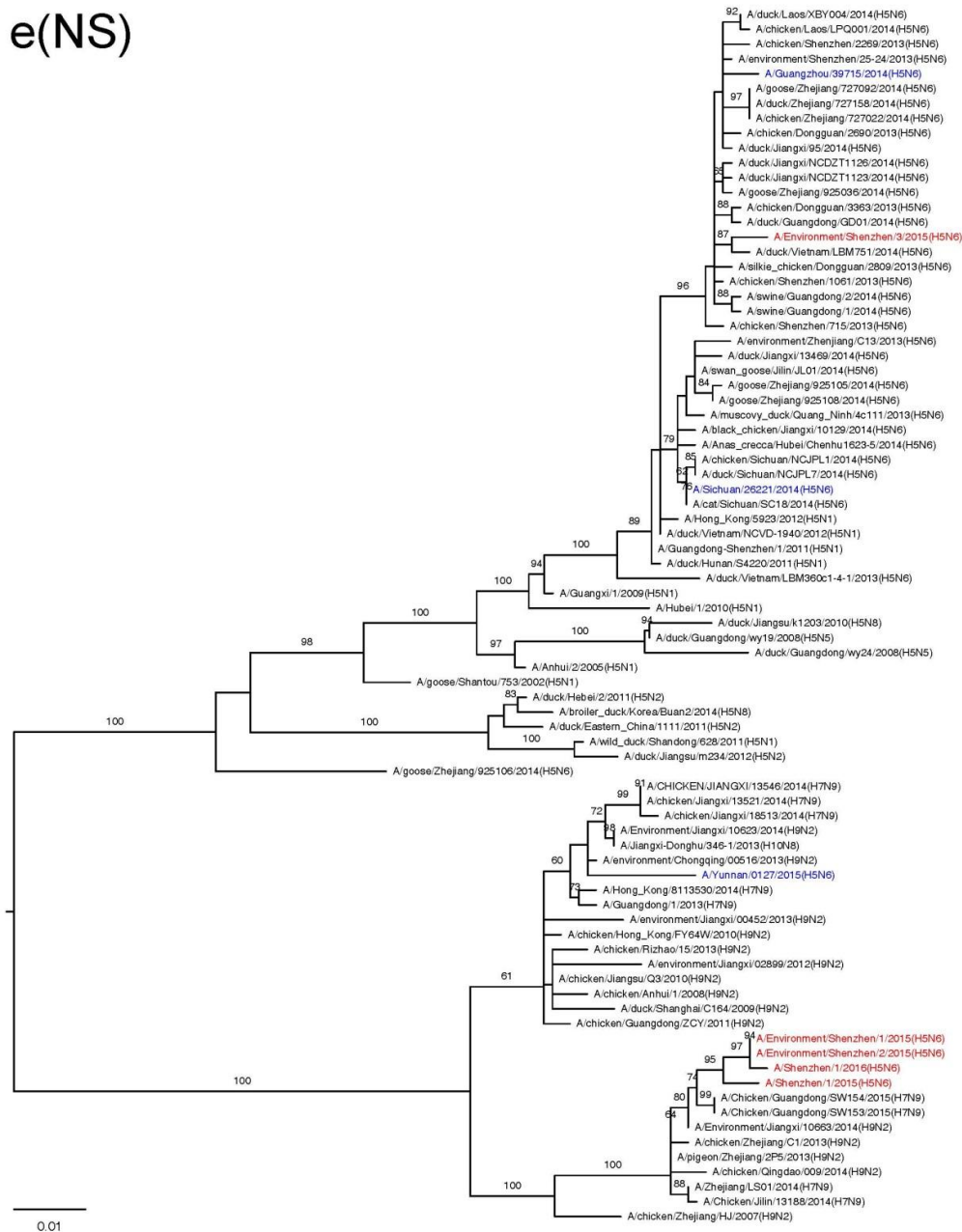
c(NP)



d(MP)



e(NS)



Supplementary Figure S1 Phylogenetic trees of PB1, PA, NP, MP and NS genes

The virus name in blue represent previously reported human the H5N6 viruses, and those in red represent the H5N6 identified in this study. **a.** The phylogenetic tree of PB1 gene; **b.** The phylogenetic tree of PA gene; **c.** The phylogenetic tree of NP gene; **d.** The phylogenetic tree of MP gene; **e.** The phylogenetic tree of NS gene. The bootstrap value of $\geq 60\%$ were shown.